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Docket No.LFS-093DIV

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Shartle et al.  
Serial No. : 10/678,342 Art Unit: 3736  
Filed : 10/03/2003 Examiner: unknown  
For : Electrically-Conducted Patterns for Monitoring the Filling of Medical Devices

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

5-27- 2004

(Date of Deposit)

Jane Silarajs

(Name of applicant, assignee, or Registered Representative)

5-27- 2004

(Signature)

(Date of Signature)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

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This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

☒ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, no additional fee is required.

☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Statement in Accordance with §1.97(e) (attached); or

☐ Please charge Deposit Account No. 10-0750/ / the fee of \$180.00 as set forth in §1.17(p).

☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or an action that otherwise closes prosecution and that it is accompanied by one of:

☐ Statement in Accordance with §1.97(e) (attached); or

☐ Please charge Deposit Account No. 10-0750/ / the fee of \$180.00 as set forth in §1.17(p).

☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee. Applicant(s) hereby petition(s) for consideration of this Information Disclosure Statement. Included are: Statement in Accordance with §1.97(e) as set forth below and the fee of \$180.00 as set forth in §1.17(p).

Serial No. 10/678,342

☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

☒ Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:

☒ In view of the voluminous nature of references and the likelihood that these references are available to the Examiner in co-pending parent Application No. 09/540,319, which is relied on for priority by the present application, copies are not enclosed herewith.

☒ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

☐ Copies of only foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98 (a)(2). (The U.S. patents and each U.S. patent application publication listed on the attached Form PTO-1449 are not enclosed because this U.S. patent application was filed after June 30, 2003 or this international application has entered the national stage under 35 USC §371 after June 30, 2003 (see USPTO waiver of requirement under 37 CFR 1.98 (a)(2)(i)).

☒ There are no listed references which are not in the English language.

☐ The relevance of those listed references which are not in the English language is as follows:

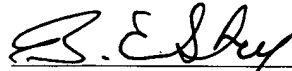
☐ Attached are copies of search report(s) from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D.

Serial No. 10/678,342

☐ Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D.

Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750/LFS-093DIV/BES .

Respectfully submitted,



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PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Application Number	10/678,342
Filing Date	10/03/2003
First Named Inventor	Shartle
Group Art Unit	3736
Examiner Name	unknown
Attorney Docket Number	LFS-093DIV

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		4,244,125		Nakamura et al.	09/23/80	
		4,545,382		Higgins et al.	10/08/85	
		4,940,945		Littlejohn et al.	07/10/90	
		5,264,103		Yoshioka et al.	11/23/93	
		5,266,179		Nankai et al.	11/30/93	
		5,366,609		White t al.	11/22/94	
		5,514,120		Johnnton et al.	05/07/96	
		5,642,015		Whitehead et al.	06/24/97	
		5,728,446		Johnston et al.	03/17/98	
		5,798,031		Charlton et al.	08/1988	
		5,997,817		Crismore et al.	12/07/99	
		6,071,391		Gotoh	06/06/00	

**FOREIGN PATENT DOCUMENTS**

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
		WO	9945387	A	Gal Yoram et al.	09/10/99		
		WO	9718464	A	Thomas Beck et al.	05/22/97		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
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(use as many sheets as necessary)

Sheet 2 of 2

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		Number	Kind Code <sup>2</sup> (if known)			
		6,299,757	B1	Feldman et al.	10/09/01	
		6,338,790	B1	Feldman et al.	01/15/02	
		6,461,496	b1	Feldman et al.	10/08/02	
		6,503,381	B1	Gotoh et al.	01/07/03	
		6,592,745	B1	Feldman et al.	07/15/03	
		6,576,101	B1	Heller et al.	06/10/03	
		6,576,461	B2	Heller	6/10/03	
		6,605,200	B1	Mao et al.	08/12/03	
		6,605,201	B1	Mao et al.	08/12/03	
		6,616,819	B1	Liamos et al.	09/09/03	
		6,618,934	B1	Feldman et al.	09/16/03	

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		Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>				

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